

**TRANSVERSELY MOUNTED
PLASMA INJECTOR IGNITOR**

ABSTRACT

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A plasma injector for use in munitions having a central axis. The plasma injector has a stub case, a tube, an anode, a cathode, and a conductive wire. The tube has a first end, a second end, and a central bore extending therethrough. The tube has at least one aperture that is operably connected to the central bore. The tube is attached to the stub case substantially transverse to the central axis. The anode is positioned proximate the first end. The cathode is positioned proximate the second end. The conductive wire extends through the central bore between the anode and the cathode and operably connects the anode and the cathode.

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